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IN THE CLAIMS:

Please amend the claims to read, as follows:

1-92. (Canceled)

93. (Previously Presented) The process as defined in claim 107, wherein the administered composition comprises a daily dosage of 15 mg of said 6-methoxy-2,3-benzoxazolinone.

94. (Previously Presented) The process as defined in claim 107, wherein said 6-methoxy-2,3-benzoxazolinone is obtained from one or more monocotyledonous plants selected from the group consisting of corn, wheat, barley, rye, oats, rice, sorghum, millet, bamboo, Job's Tears, barley-like grasses, and wild grasses, by growing the plant to an immature life history stage and harvesting the plant.

95. (Previously Presented) The process as defined in claim 94, wherein said harvested plant is dried.

96. (Previously Presented) The process as defined in claim 95, wherein said harvested plant is dried at a temperature in the range of between about 40°C and about 45°C.

97. (Previously Presented) The process as defined in claim 95, wherein said dried harvested plant contains phenols in total amounts greater than 17.0 mg/gm (dry weight).

98. (Previously Presented) The process as defined in claim 95, wherein said dried harvested plant contains combined amounts of 4-hydroxycinnamic acid and 4-hydroxy-3-methoxycinnamic acid totaling no more than 1.5 mg/gm (dry weight).

99. (Previously Presented) The process as defined in claim 94, wherein said harvested plant is immature corn, *Zea mays*.

100. (Previously Presented) The process as defined in claim 99, wherein said immature corn has been grown to a height between about 45 centimeters and about 122 centimeters.

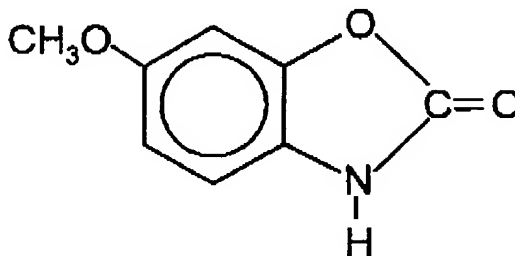
101. (Previously Presented) The process as defined in claim 99, wherein said immature corn has been grown to a height that does not exceed between about 30 centimeters and about 45 centimeters.

102. (Previously Presented) The process as defined in claim 99, wherein said immature corn has been grown for less than ten weeks after planting.

103. (Currently Amended) The process as defined in claim 107, wherein said composition is administered in a manner selected from the group consisting of: (1) ~~orally, in the form of tablets, capsules, suspensions, solutions and other means suitable for ingestion, including sublingual dosage forms~~ oral administration; (2) intranasal administration; (3) transmucosal administration; (4) parenteral injection, ~~in the form of subcutaneous, intramuscular, intravenous~~; (5) implant for sustained release; and (6) transdermal patch.

104-106. (Canceled)

107. (Currently Amended) A process for promoting weight loss in ~~mammals~~ a mammal by the administration of an ~~effective~~ amount of a composition comprising 6-methoxy-2,3-benzoxazolinone defined as:



or pharmaceutically acceptable salts thereof sufficient to promote weight loss in said mammal, wherein said administered composition comprises a daily dosage of between about 5 mcg and about 60 mg of said 6-methoxy-2,3-benzoxazolinone.

108. (Currently Amended) The process as defined in claim 107, wherein ~~at least a portion~~ of said 6-methoxy-2,3-benzoxazolinone is obtained by chemical synthesis.